

**CLAIMS:**

1. (cancelled)
2. (cancelled)
3. (cancelled)
4. (cancelled)
5. (cancelled)
6. (cancelled)
7. (cancelled)
8. (cancelled)
9. (cancelled)
10. (cancelled)
11. (cancelled)
12. (cancelled)
13. (cancelled)
14. (cancelled)
15. (currently amended) The kit as set forth in claim 19 wherein the first ~~prosthetic implant-cement deflector as claimed in claim 14~~ is made from synthetic plastics material.
16. (currently amended) The kit as set forth in claim 15 wherein ~~prosthetic implant cement deflector as claimed in claim 15 in which~~ the synthetic plastics material is polymethylmethacrylate (PMMA).
17. (currently amended) The kit as set forth in claim 15 ~~prosthetic implant-cement deflector as claimed in claim 14~~ wherein X-ray markers are incorporated in the cement deflector element.
18. (currently amended) The kit as set forth ~~prosthetic implant-cement deflector as claimed in claim 17~~ wherein the X-ray markers are in the form of spherical tantalum beads.

19. (currently amended) A kit of components to carry out the implantation of a prosthetic implant comprising a cannulated phantom prosthesis having an insert portion for location in a bone, a cannulation bore extending through said insert portion, a guide wire for sliding location in said cannulation bore, and a first cement deflector element adapted for sliding engagement on said guide wire, said deflector acting to seal the interface between the guide wire and the distal end of the cannulation bore, said first deflector being a preformed unperforated sheath which extends over the insert portion of said prosthesis from its distal end to a position at or adjacent to its proximal end and a cannulated prosthetic implant having an insert portion and a cannulation bore and a second cement deflector which, on removal of said cannulated phantom prosthesis from said first cement deflector, said second cement deflector may be placed on said guide wire, said second cement deflector slidably engaging said guide wire and sealing the interface between the guide wire and the distal end of the cannulation bore in said prosthesis, and said insert portion thereon being shaped and dimensioned to fit into said sheath of said first cement deflector together with a layer of cement.

20. (cancelled)

21. (cancelled)

22. (currently amended) The kit of components as claimed in claim 19 ~~21~~ wherein said second cement deflector can be adapted to be secured to the distal end portion of the cannulated prosthesis.

23. (currently amended) The kit of components as claimed in claim 22 wherein said second cement deflector extends over at least part of the distal end of the cannulated prosthesis.

24. (new) A kit for implanting a prosthetic femoral component in a femur comprising:

a plurality of trial femoral prosthesis having a cannulation bore extending therethrough;

a guide wire for being received within said bore;

a first cement deflector for sliding engagement with the guide wire, said deflector having a cavity for receiving said trail femoral prosthesis and a leading end acting to seal the interface between the guide wire and the distal end of the cannulation bore in said trial prosthesis;

a prosthetic femoral component including a stem portion with a distal tip and having a cannulation bore for receiving a guide wire; and

a second cement deflector having a first end with a recess for receiving the distal tip of said prosthetic femoral component and a bore therethrough for receiving said guide wire.

25. (new) The kit as set forth in claim 24 wherein said second deflector is sized to be received within the cavity of said first cement deflector.

26. (new) The kit as set forth in claim 24 wherein said recess in said second cement deflector has a first proximal portion for receiving said prosthesis tip and a second distal portion for allowing said tip to sink further into the second deflector after implantation.

27. (new) The kit as set forth in claim 24 wherein the first cement deflector is made from synthetic plastics material.

28. (new) The kit of components as set forth in claim 24 wherein said second cement deflector can be adapted to be secured to the distal end portion of the cannulated prosthesis.

29. (new) The kit as set forth in claim 24 wherein the first cement deflector is made from synthetic plastics material.

30. (new) The kit as set forth in claim 24 wherein the synthetic plastics material is polymethylmethacrylate (PMMA).

31. (new) The kit as set forth in claim 24 wherein X-ray markers are incorporated in the cement deflector element.

32. (new) The kit as set forth in claim 24 wherein the X-ray markers are in the form of spherical tantalum beads.